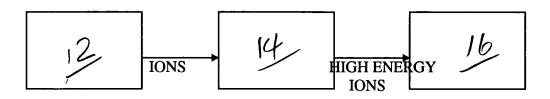
107



HIGH CURENT ELECTRON BOMBARDMENT ION SOURCE

HIGH VOTLAGE ACCELERATOR

THERMONUCLEAR TARGET

Harmy State and the state of th

20 | 26 | 28 | 24 | 1

FOCUS/

12/

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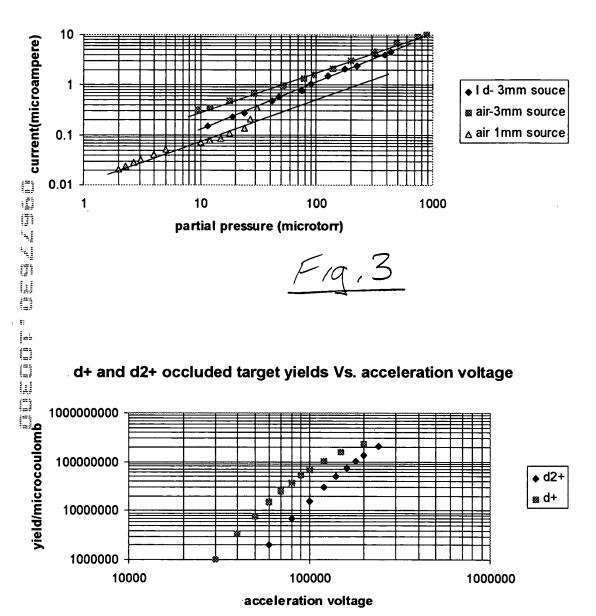
EXTRACTION CENTERING

REPELLER

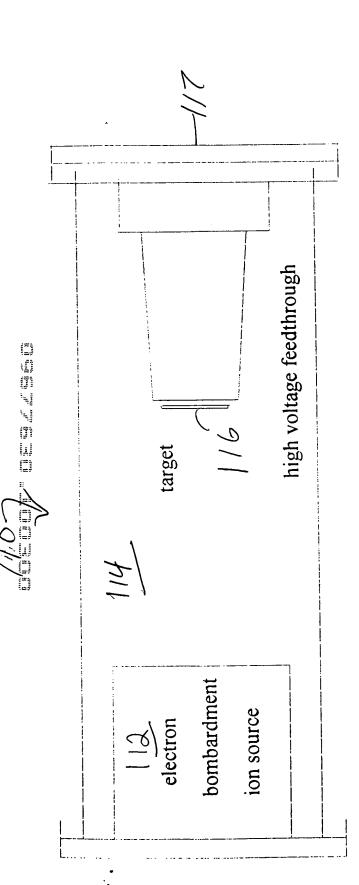
Fig.Z

ION EXIT

source chamber output current Vs. pressure for air(residual vacuum) and deuterium for 1mm and 3mm exit slits

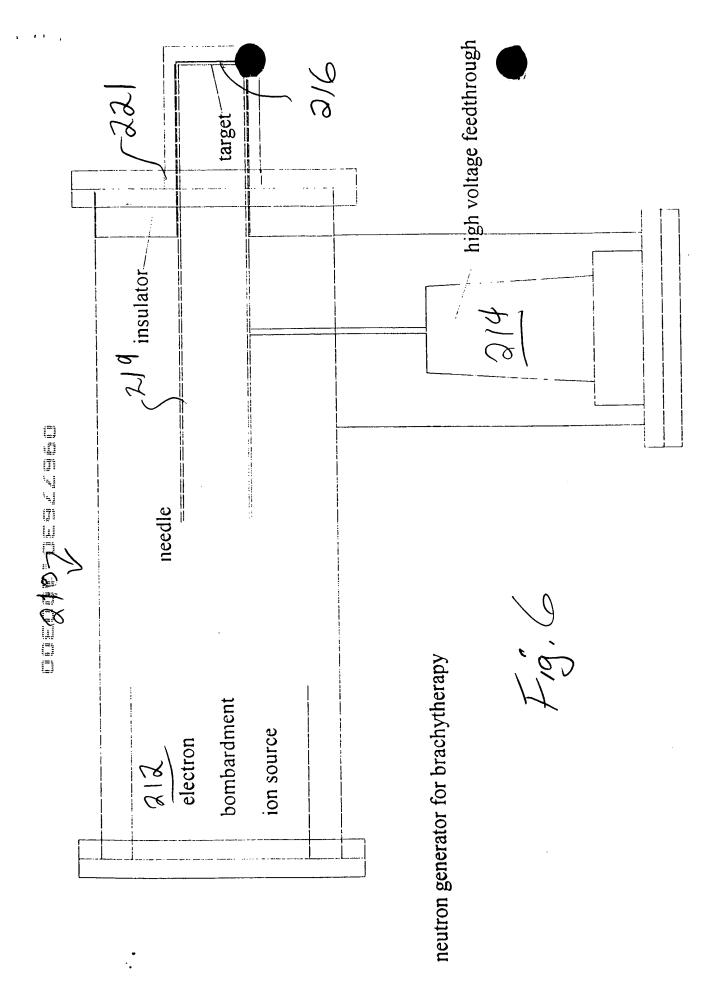


F19,4

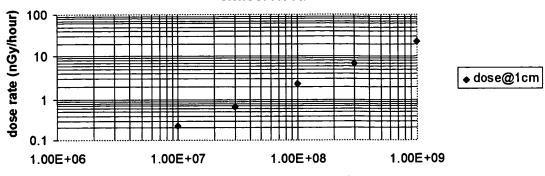


portable neutron generator for field use

Fig. 5



tissu neutron rate (nGy/hour @ 1cm) Vs. neutron emission rat



neutron emission rate (neutrons/sec)

J. T. Start Day II II

10 # 11 Proc | 1 Pr

F19.7

contact/area

point target
focus grid

needle

Fg.8

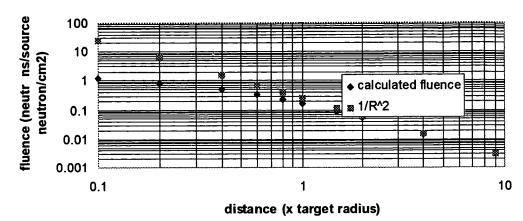


Fig. 9

tumor 9 216

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Fig. 10